



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1040-B-22W-BN
Manufacturer : BLED

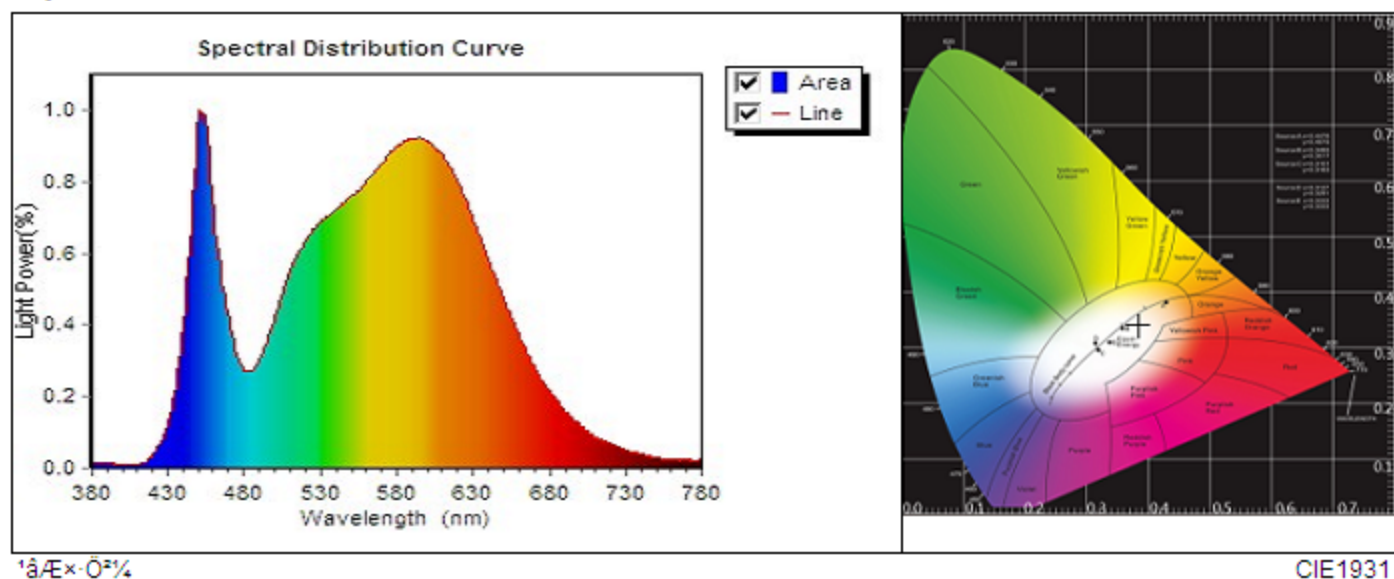
Test date. : 2021-03-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 48405 (73.9%)
Integral time. : 124ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3790$ $y=0.3792$ $u=0.2232$ $v=0.3349$ ($duv=0.0016$)
Color temperature: $TC=4058$ K Color difference: $SDCM=0.5$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.172$
Peak wavelength: $\lambda_p=452.2$ nm FWHM: $\Delta\lambda_p=22.8$ nm Color ratio: $R=19.52\%$ $G=77.24\%$ $B=3.24\%$

Color rendering index (Ra): $Ra=82.8$

$R1=81.1$ $R2=88.8$ $R3=94.3$ $R4=81.6$ $R5=80.8$ $R6=84.0$ $R7=86.7$ $R8=65.1$
 $R9=8.7$ $R10=72.9$ $R11=80.2$ $R12=58.4$ $R13=83.7$ $R14=96.9$ $R15=75.2$

Optical Parameter

Luminous flux: 2305.497 lm luminous efficiency: 106.24 lm/w Radiant flux: 6.9919 W

Electrical Parameter

Voltage: 230.2 V Current: 0.159 A Watts: 21.70 W Power factor: 0.592

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>